



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
**STRITTMATTER et al.**  
Appl. No.: 10/735,256  
Filed: December 12, 2003  
For: **Nogo Receptor Homologs**

Confirmation No.: 9794  
Art Unit: 1647  
Examiner: Nichols, Christopher J.  
Atty. Docket: 2159.0420002/EJH/SAC

**Revocation of Prior Power of Attorney and  
Appointment of New Attorneys of Record**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, having express authority to represent Yale University, the assignee of fifty percent of the right, title, and interest in the above-captioned application, by assignment filed at the U.S. Patent and Trademark Office on December 10, 2001, hereby revokes all powers of attorney heretofore given in the above-captioned application, and appoints as attorneys, the attorneys associated with Customer Number 53644, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

For the purpose of PAIR, the Customer Number is **53644**.

The undersigned hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Stephen M. STRITTMATTER  
Appl. No. 10/735,256

Send all correspondence to:

Customer Number 53644  
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934.

Direct telephone calls to (202) 371-2600.

FOR: Yale University

SIGNATURE: Dorothy K. Robinson

BY: Dorothy K. Robinson

TITLE: Vice President and General Counsel

DATE: 5/26/05



PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**

2159.0420002/EJH/SAC

Applicant/Patent Owner: STRITTMATTER et al.Application No./Patent No.: 10/735,256 Filed/Issue Date: December 12, 2003Entitled: Nogo Receptor HomologsYale University, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012347, Frame 0489, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP-302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Dorothy K. Robinson

Signature

Dorothy K. Robinson

Printed or Typed Name

Vice President and General Counsel

Title

10/21/05

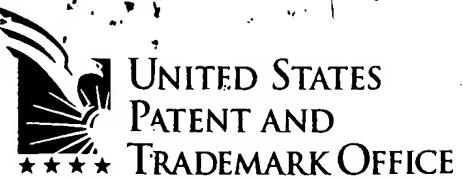
Date

203 - 432 - 4949

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DO NOT FORWARD  
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JANUARY 30, 2002

PTAS

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

FISH & NEAVE  
JAMES F. HALEY, JR.  
1251 AVENUE OF THE AMERICAS  
NEW YORK, NEW YORK 10020-1104



\*101911863A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/10/2001

REEL/FRAME: 012347/0489  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

STRITTMATTER, STEPHEN M.

DOC DATE: 10/05/2001

ASSIGNOR:

YALE UNIVERSITY  
541 COLLEGE STREET  
NEW HAVEN, CONNECTICUT 06520

SERIAL NUMBER: 09972546

FILING DATE: 10/06/2001  
ISSUE DATE:

PATENT NUMBER:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

FEB 08 2002

FISH & NEAVE - PATENT DEPT.  
REFERRED TO TR  
NOTED BY SP

A116 US

ASSIGNMENT

I,

- (1) Stephen M. Strittmatter;  
residing, respectively, at  
(1) 26 Pleasant Valley Road, Clinton, Connecticut (U.S.A.) 06413;

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to YALE UNIVERSITY, a corporation organized under the state of Connecticut and having an office and a place of business at 541 College Street, New Haven, Connecticut 06520, its successors and assigns: (1) the entire right, title and interest in the United States and in and to any and all my inventions and discoveries disclosed in the application for Letters Patent in the United States entitled: "NOGO RECEPTOR HOMOLOGS" and filed in the United States Patent and Trademark Office on October 6, 2001, under Serial Number 09/1972,546,\* including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of YALE UNIVERSITY its designee, or in my name at YALE UNIVERSITY's or its designee's election, on the aforesaid inventions, discoveries and applications in the United States; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States and any renewals, revivals, reissues, reexaminations and extensions of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in the United States, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States to YALE UNIVERSITY as

\* I hereby authorize and request YALE UNIVERSITY and its representatives to insert in this instrument the application number and filing date of said application when known.

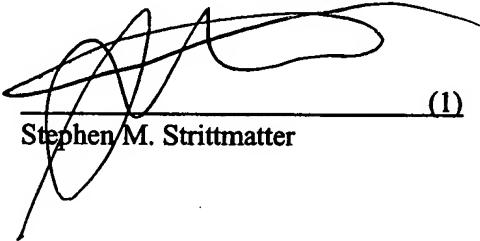
DO NOT FORWARD  
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the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

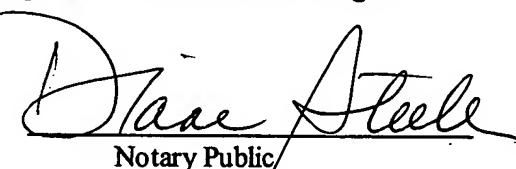
I agree, at any time, upon the request of YALE UNIVERSITY to execute and to deliver to YALE UNIVERSITY any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of YALE UNIVERSITY such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications in the United States, and otherwise to do the necessary to give full effect to and to perfect the rights of YALE UNIVERSITY under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

ASSIGNOR:

  
\_\_\_\_\_  
Stephen M. Strittmatter

On this 5<sup>th</sup> day of Oct, 2001, (1) Stephen M. Strittmatter personally appeared before me, a Notary Public in and for the State of CT, and duly acknowledged the executed Assignment on behalf of the Assignee.

  
\_\_\_\_\_  
Diane Steele  
Notary Public

DO NOT FORWARD  
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ACKNOWLEDGMENT OF ASSIGNEE:

YALE UNIVERSITY

By: 

Name: Jon Soderstrom

Title: Managing Director  
Office of Cooperative Research

On this 17th day of October, 2001, Jon Soderstrom personally appeared before me, a Notary Public in and for the State of CT, and duly acknowledged the executed Assignment on behalf of the Assignee.

  
\_\_\_\_\_  
Notary Public

ALEXIS L. FLINT  
NOTARY PUBLIC  
MY COMMISSION EXPIRES DEC. 31, 2001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

STRITTMATTER *et al.*

Appl. No.: 10/735,256

Filed: December 12, 2003

For: Nogo Receptor Homologs

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Art Unit: 1647

Examiner: Nichols, Christopher J.

Atty. Docket: 2159.0420002/EJH/SAC

**Revocation of Prior Power of Attorney and  
Appointment of New Attorneys of Record**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, having express authority to represent Biogen Idec MA Inc., the assignee of fifty percent of the right, title, and interest in the above-captioned application, by assignment filed at the U.S. Patent and Trademark Office on December 10, 2001, hereby revokes all powers of attorney heretofore given in the above-captioned application, and appoints as attorneys, the attorneys associated with Customer Number 53644, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

For the purpose of PAIR, the Customer Number is **53644**.

The undersigned hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

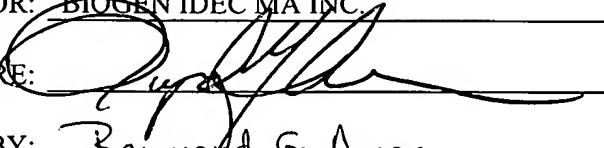
Stephen M. STRITTMATTER  
Appl. No. 10/735,256

Send all correspondence to:

Customer Number 53644  
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934.

Direct telephone calls to (202) 371-2600.

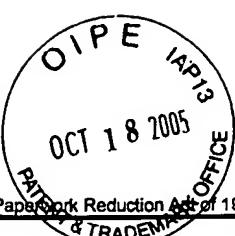
FOR: BIOGEN IDEC MA INC.

SIGNATURE: 

BY: Raymond G. Arner

TITLE: Acting General Counsel

DATE: 9 June 2005



PTO/SB/96 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)

2159.0420002/EJH/SAC

Applicant/Patent Owner: STRITTMATTER et al.Application No./Patent No.: 10/735,256 Filed/Issue Date: December 12, 2003Entitled: Nogo Receptor HomologsBIOGEN IDEC MA INC., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

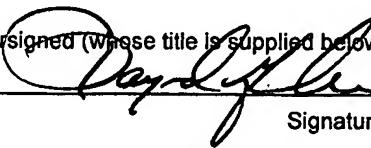
B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Richard L. Cate and Dinah W.Y. Sah To: Biogen, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 012347, Frame 0505, or for which a copy thereof is attached.
2. From: Biogen, Inc. To: Biogen Idec MA Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Raymond G. Arner  
SignatureOctober //, 2005

Date

(617) 679-2857

Telephone Number

Printed or Typed Name

Senior Vice-President, Acting General Counsel  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JANUARY 30, 2002

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Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

FISH & NEAVE  
JAMES F. HALEY, JR.  
1251 AVENUE OF THE AMERICAS  
NEW YORK, NY 10020-1104



\*101911860A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 12/10/2001

REEL/FRAME: 012347/0505  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
CATE, RICHARD L.

DOC DATE: 11/27/2001

ASSIGNEE:  
SAH, DINAH W.Y.

DOC DATE: 11/27/2001

ASSIGNEE:  
BIOPHARMA INC.  
14 CAMBRIDGE CENTER  
CAMBRIDGE, MASSACHUSETTS 02142

SERIAL NUMBER: 09972546  
PATENT NUMBER:

FILING DATE: 10/06/2001  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

FEB 08 2002

FISH & NEAVE - PATENT DEPT.  
REFERRED TO 11  
NOTED BY SD

A116 US

A S S I G N M E N T

I/We,

- (1) Richard L. Cate,  
(2) Dinah W.Y. Sah,

residing, respectively, at

- (1) 40B Nichols Road,  
Cohasset, Massachusetts 02025,  
(2) 4 Longfellow Place, Apartment 2608,  
Boston, Massachusetts 02114,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to BIOGEN, INC., a corporation organized under the COMMONWEALTH OF MASSACHUSETTS and having an office and a place of business at 14 CAMBRIDGE CENTER, CAMBRIDGE, MASSACHUSETTS 02142, its successors and assigns: (1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in the application for Letters Patent in the United States entitled: "NOGO RECEPTOR HOMOLOGS" and filed in the United States Patent and Trademark Office on October 6, 2001, under Serial Number 09/972,546, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of BIOGEN, INC. its designee, or in my/our name(s) at BIOGEN, INC.'s or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations and extensions of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all

rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to BIOGEN, INC. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of BIOGEN, INC. to execute and to deliver to BIOGEN, INC. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I/We further agree at any time to execute and to deliver upon request of BIOGEN, INC. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of BIOGEN, INC. under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION

ASSIGNORS:

Richard L. Cate (1)  
Richard L. Cate

On this 27 day of November, 2001,  
(1) Richard L. Cate personally appeared before me, a Notary Public in and for the  
Commonwealth of Massachusetts, and duly acknowledged the executed Assignment on  
behalf of the Assignee.

Jeanine K Dwyer  
Notary Public

Dinah W.Y. Sah (2)  
Dinah W.Y. Sah

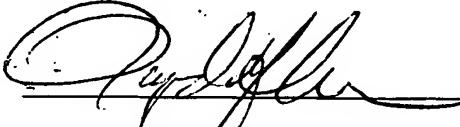
On this 27 day of November, 2001,  
(2) Dinah W.Y. Sah personally appeared before me, a Notary Public in and for the  
Commonwealth of Massachusetts, and duly acknowledged the executed Assignment on  
behalf of the Assignee.

Jeanine K Dwyer  
Notary Public

DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION

ACKNOWLEDGMENT OF ASSIGNEE:

BIOGEN, INC.

By: 

Name: Raymond G. Arner  
Chief Intellectual Property Counsel  
Title: Associate General Counsel

On this 27 day of November, 2001, Raymond Arner  
personally appeared before me, a Notary Public in and for the Commonwealth of  
Massachusetts, and duly acknowledged the executed Assignment on behalf of the  
Assignee.

Jeanne K. Dryers  
Notary Public

05/01/42.08

## THE COMMONWEALTH OF MASSACHUSETTS

**ARTICLES OF ORGANIZATION**  
**(General Laws, Chapter 156B)**

842311

I hereby certify that, upon examination of these Articles of Organization, duly submitted to me, it appears that the provisions of the General Laws relative to the organization of corporations have been complied with, and I hereby approve said articles; and the filing fee in the amount of \$ 275 having been paid, said articles are deemed to have been filed with me this 11th day of June 20 03.

*Effective date:* \_\_\_\_\_

WILLIAM FRANCIS GALVIN

*Secretary of the Commonwealth*

SECRETARY OF THE  
COMMONWEALTH  
03 JUN 11 PM 2:57  
CORPORATION DIVISION

**FILING FEE:** One tenth of one percent of the total authorized capital stock, but not less than \$275.00. For the purpose of filing, shares of stock with a par value less than \$1.00, or no par stock, shall be deemed to have a par value of \$1.00 per share.

## TO BE FILLED IN BY CORPORATION

Contact information:

---



---

CT Corporation System  
 101 Federal Street  
 Boston, MA 02110

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

A copy this filing will be available on-line at [www.state.ma.us/sec/cor](http://www.state.ma.us/sec/cor)  
 once the document is filed.

Examiner

**FEDERAL IDENTIFICATION  
NO. 04-3002117**

# The Commonwealth of Massachusetts

**William Francis Galvin**  
Secretary of the Commonwealth  
One Ashburton Place, Boston, Massachusetts 02108-1512

Name  
Approved

## **ARTICLES OF AMENDMENT**

we, <u>Michael F. Phelps</u>	<input checked="" type="checkbox"/> *Vice President,
and <u>Anne Marie Cook</u>	<input checked="" type="checkbox"/> Clerk / *Assistant Clerk,
of <u>Biogen, Inc.</u>	(Exact name of corporation)
located at <u>15 Cambridge Center, Cambridge, MA 02142</u>	(Street address of corporation in Massachusetts)

certify that these Articles of Amendment affecting articles numbered:

(Number those articles 1, 2, 3, 4, 5 and/or 6 being amended)

of the Articles of Organization were duly adopted at a meeting held on November 13, 2003, by vote of:

**1000** shares of **Common Stock** of **1000** shares outstanding.  
(type, class & series, if any)

~~(REDACTED BY X-1000)~~

□ □ □

<sup>1</sup>--being at least a majority of each type, class or series outstanding and entitled to vote thereon:/ or <sup>2</sup>--~~X X X X X~~ and of each type, class or series of stock whose rights are adversely affected thereby:

*4*  
P.C.  
\*Delete the Inapplicable words.      \*\*Delete the Inapplicable clause.  
'For amendments adopted pursuant to Chapter 156H, Section 7A.  
'For amendments adopted pursuant to Chapter 156H, Section 71.  
Note: If the space provided under any article or item on this form is insufficient, additions shall be set forth on one side  
only of separate 8 1/2 x 11 sheets of paper with a left margin of at least 1 inch. Additions to more than one article may be  
made on a single sheet so long as each article requiring such addition is clearly indicated.

To change the number of shares and the par value (if any) of any type, class or series of stock which the corporation is authorized to issue, fill in the following:

The total *presently* authorized is:

WITHOUT PAR VALUE STOCKS		WITH PAR VALUE STOCKS		
TYPE	NUMBER OF SHARES	TYPE	NUMBER OF SHARES	PAR VALUE
Common:		Common:		
Preferred:		Preferred:		

Change the total authorized to:

WITHOUT PAR VALUE STOCKS		WITH PAR VALUE STOCKS		
TYPE	NUMBER OF SHARES	TYPE	NUMBER OF SHARES	PAR VALUE
Common:		Common:		
Preferred:		Preferred:		

Article 1 of the Articles of Organization of Biogen, Inc. is hereby amended to read in its entirety as set forth below:

The exact name of the Corporation is Biogen Idec MA, Inc.

The foregoing amendment(s) will become effective when these Articles of Amendment are filed in accordance with General Laws, Chapter 156B, Section 6 unless these articles specify, in accordance with the vote adopting the amendment, a *later* effective date not more than *thirty days* after such filing, in which event the amendment will become effective on such later date.

Later effective date: N/A

SIGNED UNDER THE PENALTIES OF PERJURY, this 13<sup>th</sup> day of November, 20 03,

Michael F. Phelps

Michael F. Phelps

\*President / \*Vice President.

Anne Marie Cook

Anne Marie Cook

\*XXX / \*Assistant Clerk.

*\*Delete the inapplicable words.*

860173

510120572

## THE COMMONWEALTH OF MASSACHUSETTS

ARTICLES OF AMENDMENT  
(General Laws, Chapter 156B, Section 72)

I hereby approve the within Articles of Amendment and, the filing fee in the amount of \$ 100 having been paid, said articles are deemed to have been filed with me this 13 day of December 20 03.

*Effective date:* \_\_\_\_\_



WILLIAM FRANCIS GALVIN

*Secretary of the Commonwealth*SECRETARY OF STATE  
RECEIVED  
03 NOV 13 PM 1:34  
LAW OFFICES DIVISIONTO BE FILLED IN BY CORPORATION  
Contact information:Louis A. GoodmanSkadden, Arps, Slate, Meagher & Flom LLPOne Beacon Street, Boston, MA 02108Telephone: (617) 573-4800Email: LGoodman@Skadden.com

A copy this filing will be available on-line at [www.state.ma.us/sec/cor](http://www.state.ma.us/sec/cor) once the document is filed.

FEDERAL IDENTIFICATION  
NO. 04-3002117

Examiner

# The Commonwealth of Massachusetts

William Francis Galvin  
Secretary of the Commonwealth  
One Ashburton Place, Boston, Massachusetts 02108-1512

## CERTIFICATE OF CORRECTION (General Laws, Chapter 156B, Section 6A)

1. Exact name of corporation: Biogen Idec MA Inc.
2. Document to be corrected: Articles of Amendment
3. The above mentioned document was filed with the Secretary of the Commonwealth on  
November 13, 20 03.

4. Please state the inaccuracy or defect in said document:  
The address of the corporation was reported as follows:

15 Cambridge Center  
Cambridge, MA 02142

SECRETARY OF STATE  
RECEIVED  
04 FEB 24 PM 3:36  
CORPORATIONS DIVISION

5. Please state corrected version of the document:  
The address of the corporation should be as follows:

14 Cambridge Center  
Cambridge, MA 02142

**200400106**

*Note: This correction should be signed by the person(s) required by law to sign the original document.*

SIGNED UNDER THE PENALTIES OF PERJURY, this 20th day of February, 2004.

Quinn Marie Cade, XXXXXXX \*Vice President,  
J M Kelly, XXXXXXX \*Incorporator(s).

*Cade*  
P.C.

\*Delete the inapplicable words.  
Note: If the inaccuracy or defect to be corrected is not apparent on the face of the document, minutes of the meeting substantiating the error must be filed with the certificate. Additional information may be provided on separate 8 1/2 x 11 sheets of white paper with a left margin of at least 1 inch.

MAD16-12/26/00 C/T System Online

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*6/39/88*

04/19/2005 1:53PM (GMT-07:00)

FEDERAL IDENTIFICATION  
NO. 04-3002117

Examiner

# The Commonwealth of Massachusetts

William Francis Galvin  
Secretary of the Commonwealth  
One Ashburton Place, Boston, Massachusetts 02108-1512

**CERTIFICATE OF CORRECTION**  
(General Laws, Chapter 156B, Section 6A)

1. Exact name of corporation: Biogen Idec MA Inc.
2. Document to be corrected: Articles of Amendment
3. The above mentioned document was filed with the Secretary of the Commonwealth on December 4, 20 03.
4. Please state the inaccuracy or defect in said document:  
The address of the corporation was reported as follows:

15 Cambridge Center  
Cambridge, MA 02142

5. Please state corrected version of the document:  
The address of the corporation should be as follows:

14 Cambridge Center  
Cambridge, MA 02142

SECRETARY OF STATE  
RECEIVED  
04 FEB 24 PM 3:36  
CORPORATIONS DIVISION

**200400692**

*Note: This correction should be signed by the person(s) required by law to sign the original document.*

SIGNED UNDER THE PENALTIES OF PERJURY, this 20th day of February, 2004.

Anu. Than, Coyle, X/XXXXXX / Vice President,

K. M. Foley, X/XXXXXX / Incorporator(s).

(P.C.)  
P.C.

*\*Delete the inapplicable words.  
Note: If the inaccuracy or defect to be corrected is not apparent on the face of the document, minutes of the meeting substantiating the error must be filed with the certificate. Additional information may be provided on separate 8 1/2 x 11 sheets of white paper with a left margin of at least 1 inch.*

MA016 - 12/2000 C T Syuen Online

6/29/88

158000 4/5/03

**FEDERAL IDENTIFICATION  
NO. 04-3002117**

*[Handwritten signatures]*

Examiner

*[Handwritten signatures]*

Name  
Approved

We, Anne Marie Cook, XXXXXX / \*Vice President,

and Benjamin S. Harshbarger, XXXXXX / \*Assistant Clerk,

of Biogen Idec MA, Inc., XXXXXX,  
(Exact name of corporation)

located at 15 Cambridge Center, Cambridge, MA 02142,  
(Street address of corporation in Massachusetts)

certify that these Articles of Amendment affecting articles numbered:

1  
(Number those articles 1, 2, 3, 4, 5 and/or 6 being amended)

of the Articles of Organization were duly adopted at a meeting held on December 3, 20 03, by vote of:

1000 shares of Common Stock of 1000 shares outstanding,  
(type, class & series, if any)

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
(XXXXXX)

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
(entirety as set forth below)

C   
P   
M   
R.A.

<sup>1</sup>\*being at least a majority of each type, class or series outstanding and entitled to vote thereon; / or <sup>2</sup>\*\*XXXXXX:  
XXXXXXXXXXXXXXXXXXXXXXXX and of each type, class or series of stock whose rights are adversely affected thereby:

*f*  
*[Handwritten signature]*

\*Delete the inapplicable words.

\*\*Delete the inapplicable clause.

<sup>1</sup> For amendments adopted pursuant to Chapter 156B, Section 70.

<sup>2</sup> For amendments adopted pursuant to Chapter 156B, Section 71.

Note: If the space provided under any article or item on this form is insufficient, additions shall be set forth on one side only of separate 8 1/2 x 11 sheets of paper with a left margin of at least 1 inch. Additions to more than one article may be made on a single sheet so long as each article requiring each addition is clearly indicated.

P.C.

156Bamex 4500

To change the number of shares and the par value (if any) of any type, class or series of stock which the corporation is authorized to issue, fill in the following:

The total *presently* authorized is:

WITHOUT PAR VALUE STOCKS		WITH PAR VALUE STOCKS		
TYPE	NUMBER OF SHARES	TYPE	NUMBER OF SHARES	PAR VALUE
Common:		Common:		
Preferred:		Preferred:		

Change the total authorized to:

WITHOUT PAR VALUE STOCKS		WITH PAR VALUE STOCKS		
TYPE	NUMBER OF SHARES	TYPE	NUMBER OF SHARES	PAR VALUE
Common:		Common:		
Preferred:		Preferred:		

Article 1 of the Articles of Organization of Biogen Idec MA, Inc. is hereby amended to read in its entirety as set forth below:

The exact name of the Corporation is Biogen Idec MA Inc.

The foregoing amendment(s) will become effective when these Articles of Amendment are filed in accordance with General Laws, Chapter 156B, Section 6 unless these articles specify, in accordance with the vote adopting the amendment, a later effective date not more than *thirty days* after such filing, in which event the amendment will become effective on such later date.

Later effective date: N/A

SIGNED UNDER THE PENALTIES OF PERJURY, this 3 day of December, 20 03,

Anne Marie Cook  
Barry Harshbarger

Anne Marie Cook, ~~President~~ / \*Vice President,

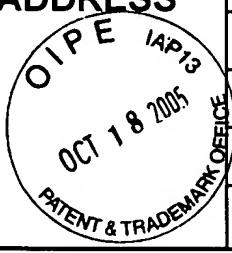
Benjamin S. Harshbarger, ~~Clerk~~ / \*Assistant Clerk.

\*Delete the inapplicable words.

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Address to:  
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Alexandria, VA 22313-1450



Application Number	10/735,256
Filing Date	December 12, 2003
First Named Inventor	Stephen M. STRITTMATTER
Art Unit	1647
Examiner Name	NICHOLS, CHRISTOPHER J.
Attorney Docket Number	2159.0420002/EJH/SAC

Please change the Correspondence Address for the above-identified patent application to:

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53644

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Firm or  
Individual Name Sterne, Kessler, Goldstein & Fox P.L.L.C.

Address

1100 New York Avenue, N.W.

City	Washington	State	DC	Zip	20005
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Country	United States
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Telephone	202-371-2600	Email
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I am the:

- Applicant/Inventor
- Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or agent of record. Registration Number 42,613.
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_.

Signature

Typed or Printed Name Elizabeth J. Haanes, Ph.D.

Date	<u>10/18/05</u>	Telephone	(202) 371-2600
------	-----------------	-----------	----------------

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.